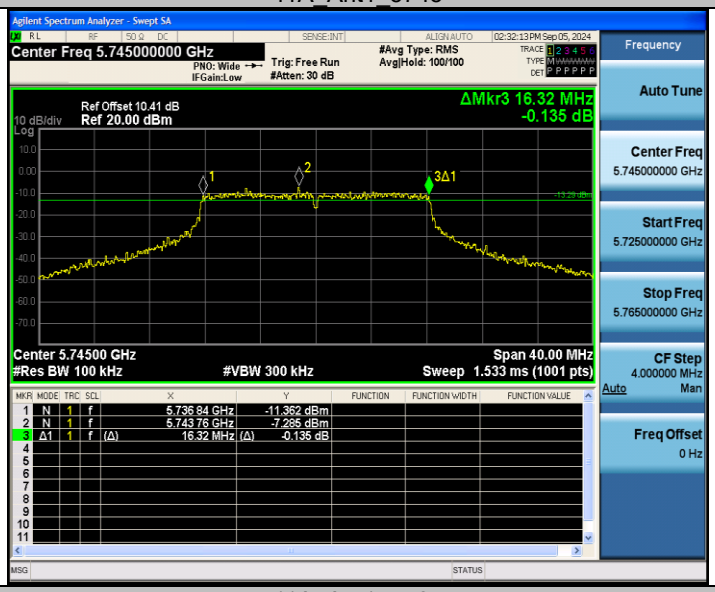
Test Graphs

11A_Ant1_5745



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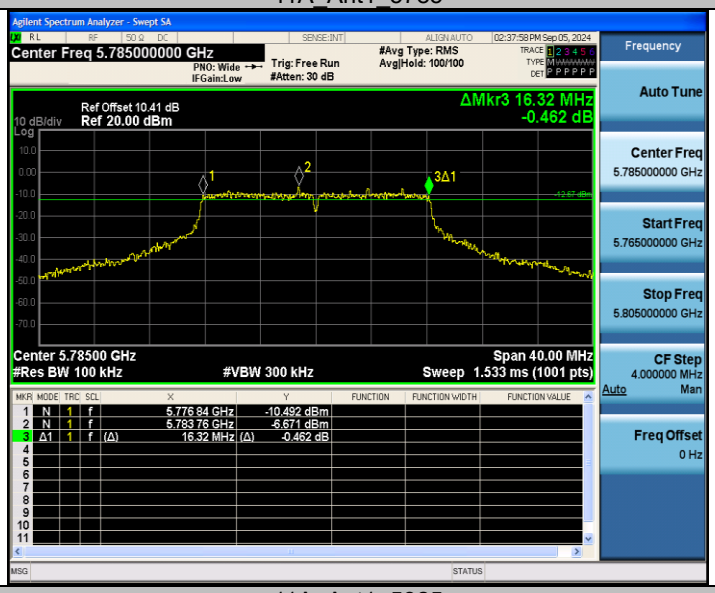

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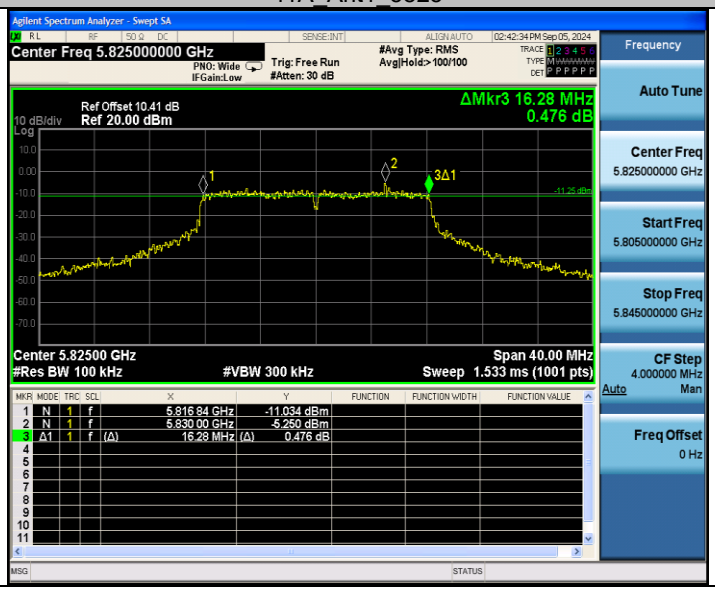

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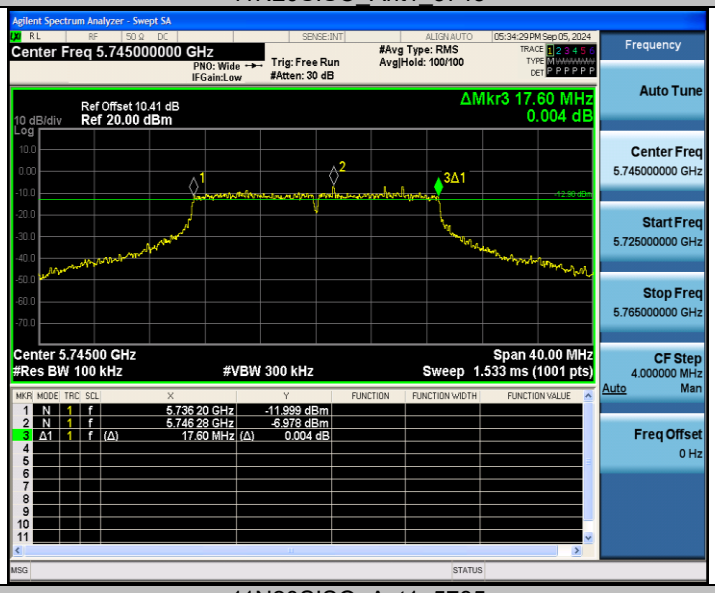

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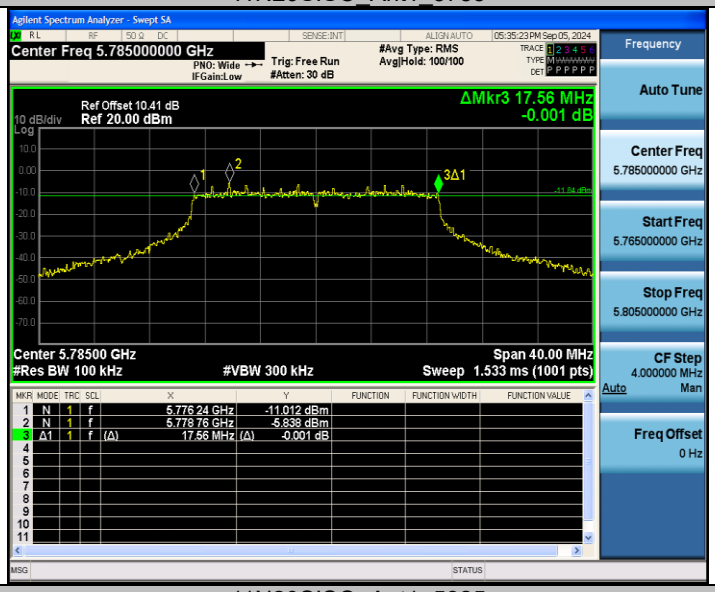

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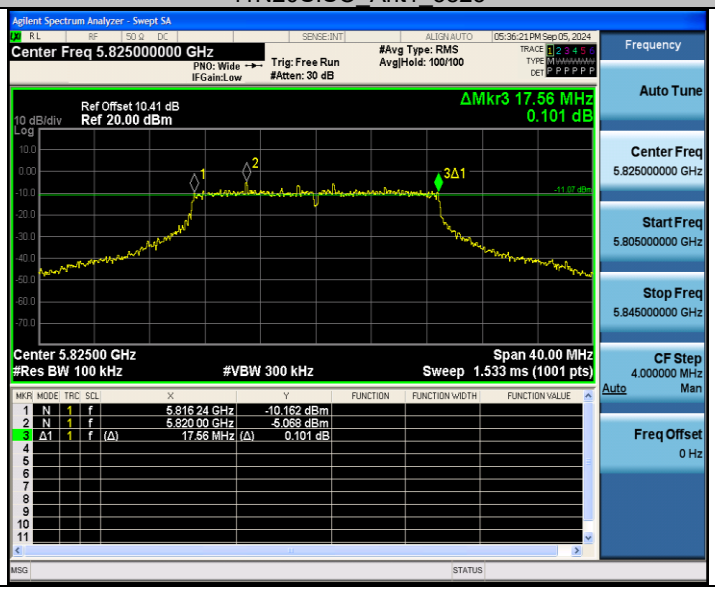

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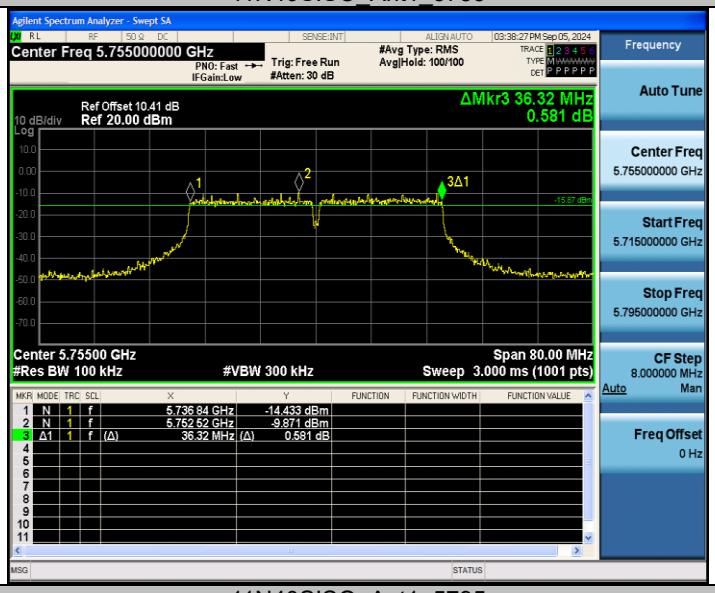

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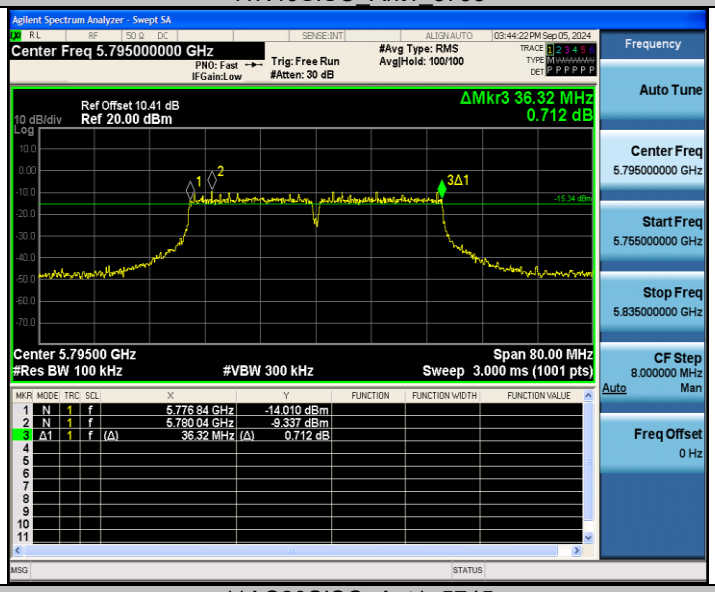

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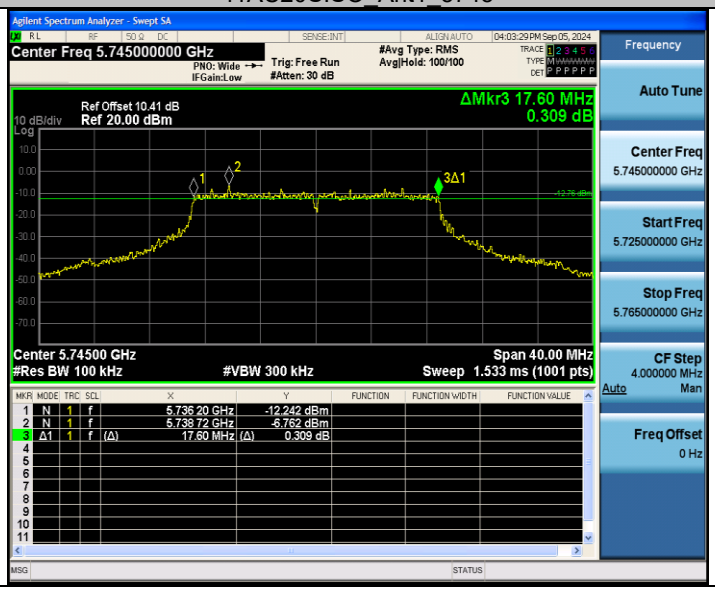

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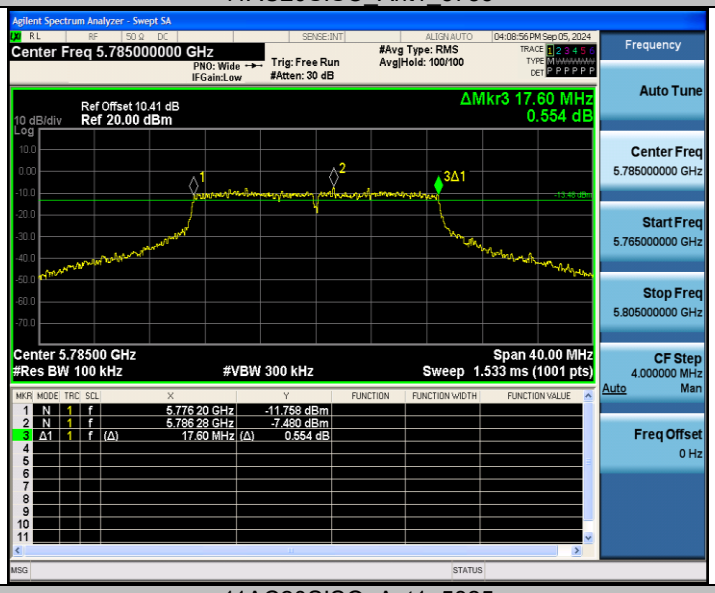

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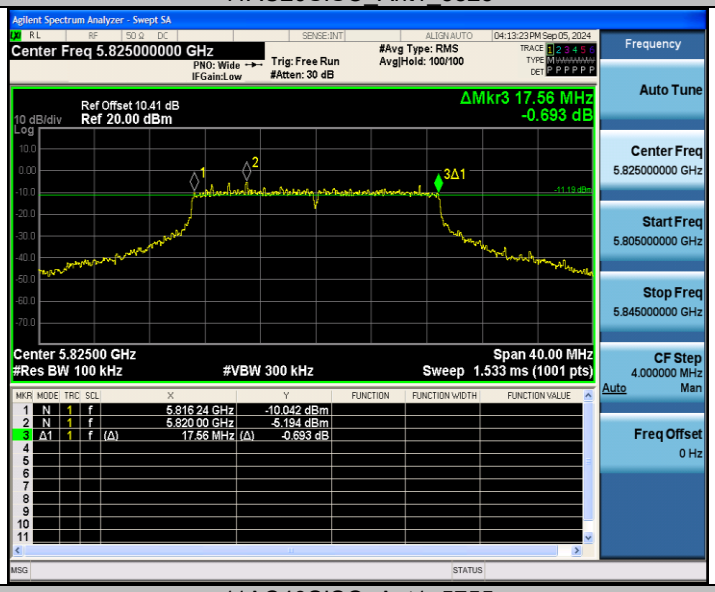

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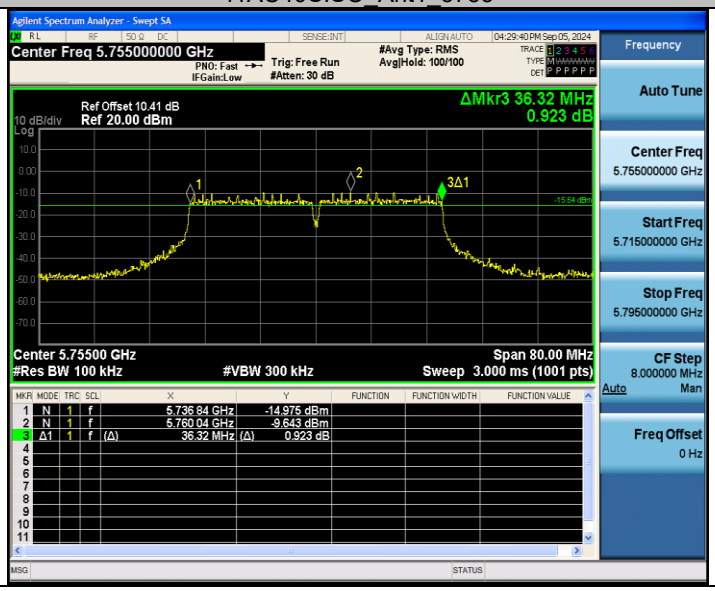

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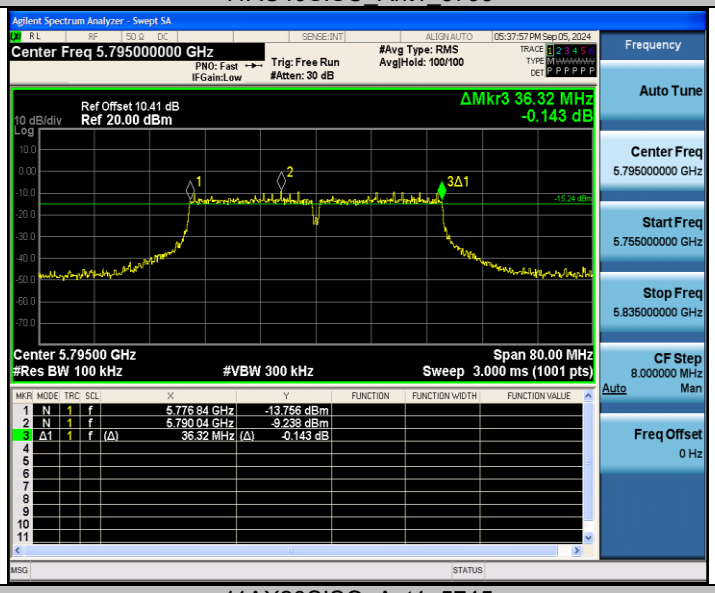

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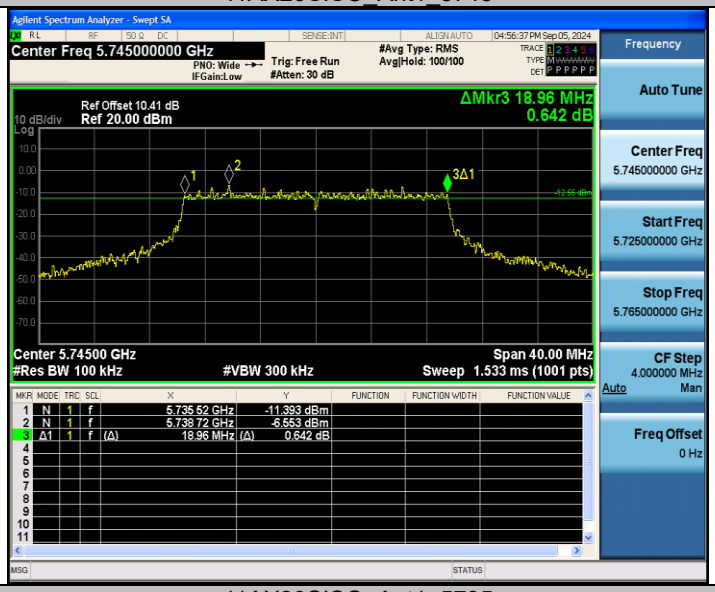

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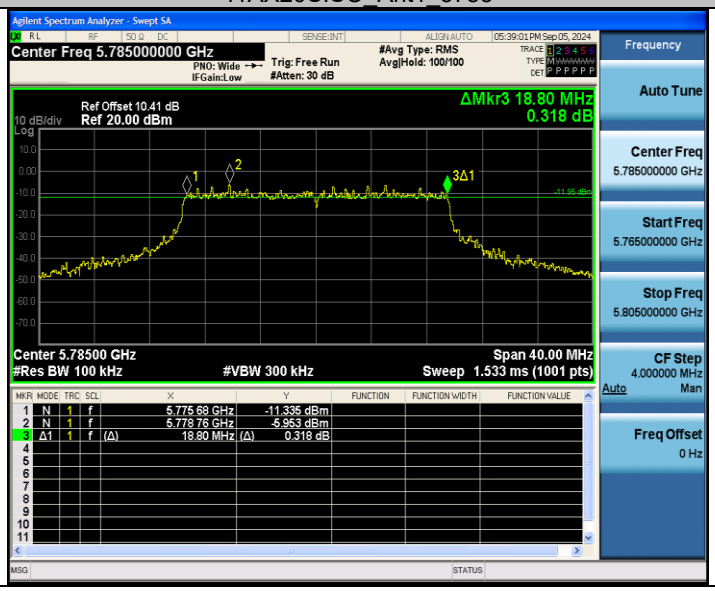

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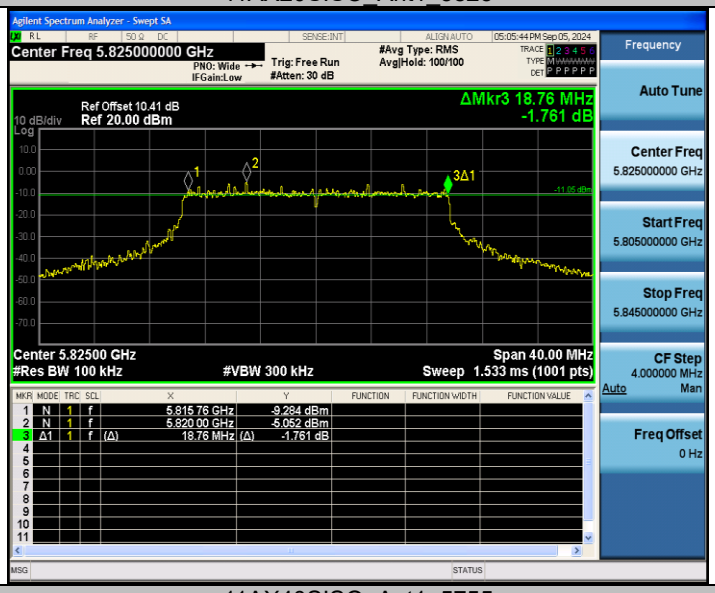

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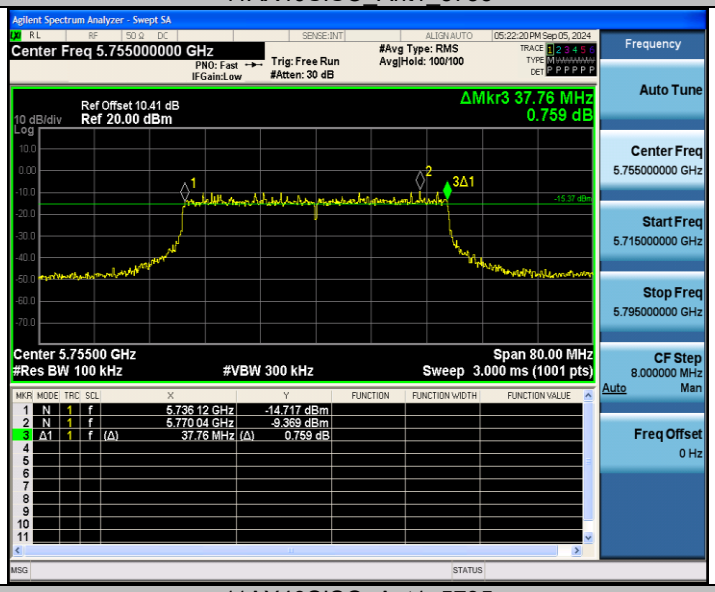

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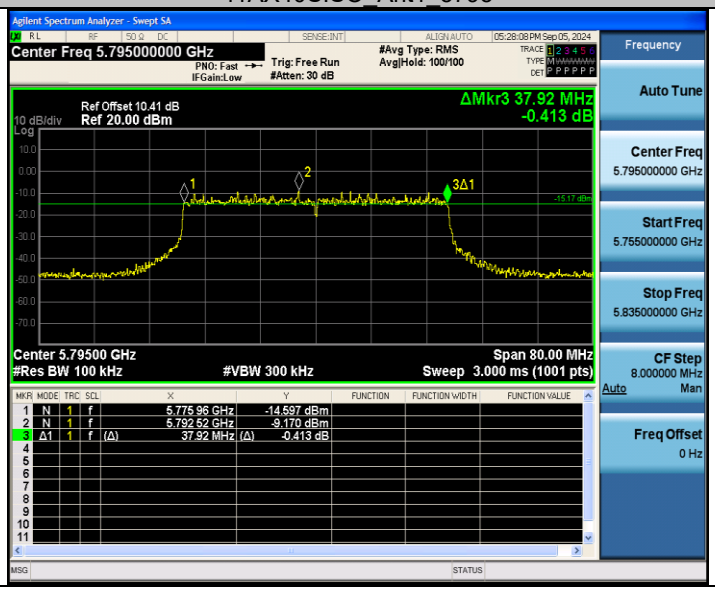


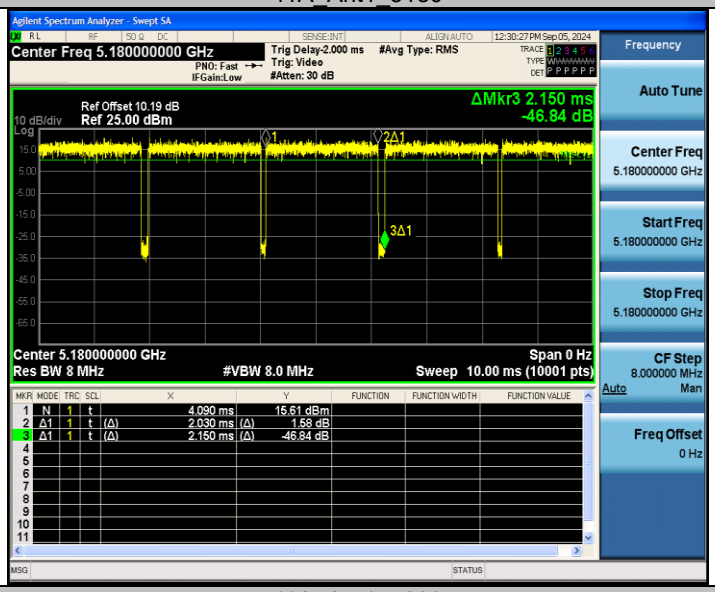
Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.03	2.15	94.42
		5200	2.03	2.18	93.12
		5240	2.03	2.07	98.07
		5745	2.04	2.13	95.77
		5785	2.04	2.21	92.31
		5825	2.03	2.18	93.12
11N20SISO	Ant1	5180	1.89	1.95	96.92
		5200	1.89	1.94	97.42
		5240	1.89	2.01	94.03
		5745	1.90	2.01	94.53
		5785	1.90	2.01	94.53
		5825	1.89	2.04	92.65
11N40SISO	Ant1	5190	0.93	1.10	84.55
		5230	0.93	1.14	81.58
		5755	0.93	1.15	80.87
		5795	0.94	1.10	85.45
11AC20SISO	Ant1	5180	1.90	2.06	92.23
		5200	1.90	2.11	90.05
		5240	1.90	2.12	89.62
		5745	1.90	2.05	92.68
		5785	1.90	2.02	94.06
		5825	1.90	2.06	92.23
11AC40SISO	Ant1	5190	0.93	1.10	84.55
		5230	0.94	1.16	81.03
		5755	0.93	1.08	86.11
		5795	0.94	1.12	83.93
11AX20SISO	Ant1	5180	1.46	1.69	86.39
		5200	1.46	1.50	97.33
		5240	1.46	1.63	89.57
		5745	1.45	1.63	88.96
		5785	1.46	1.61	90.68
		5825	1.45	1.62	89.51
11AX40SISO	Ant1	5190	0.75	0.99	75.76
		5230	0.75	0.93	80.65
		5755	0.74	0.90	82.22
		5795	0.74	0.92	80.43

Test Graphs

11A_Ant1_5180



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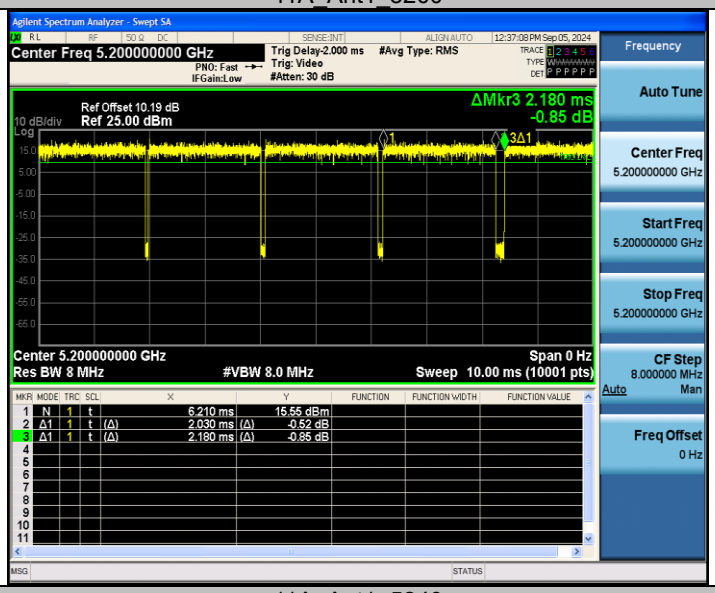

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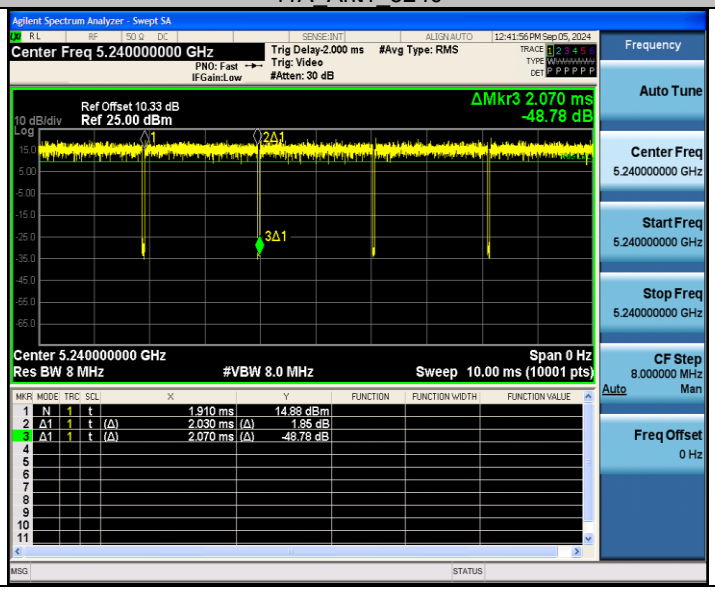

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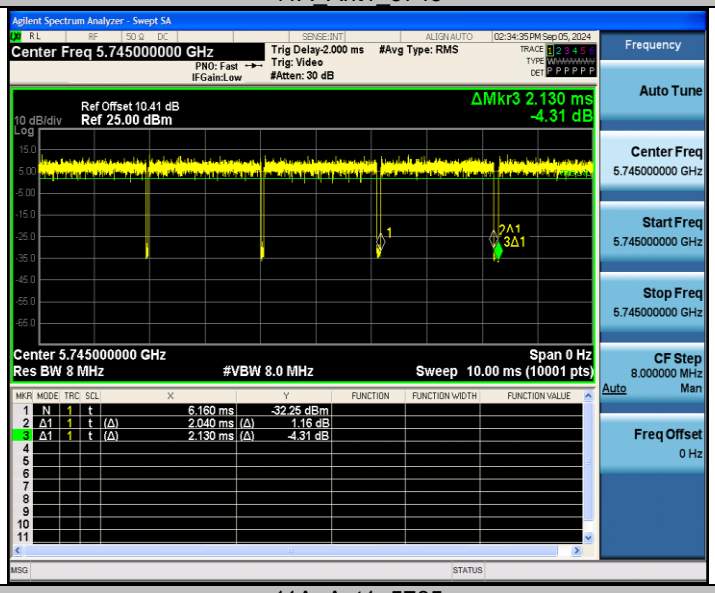

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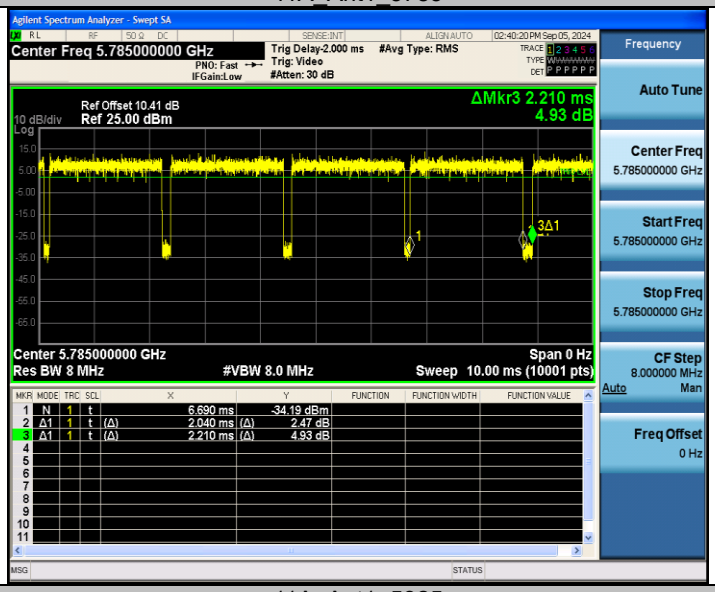

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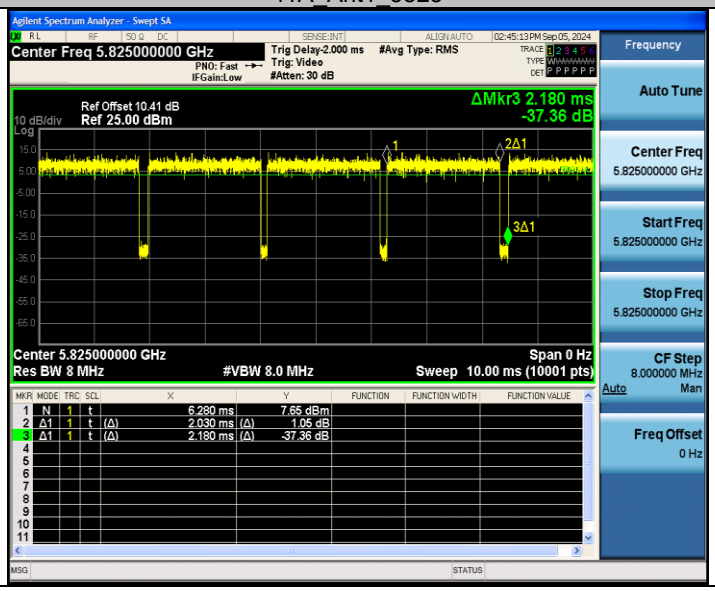

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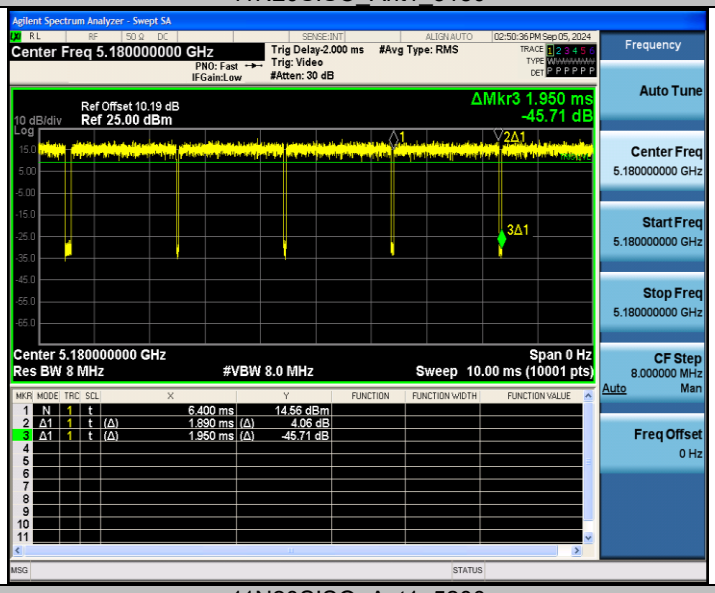

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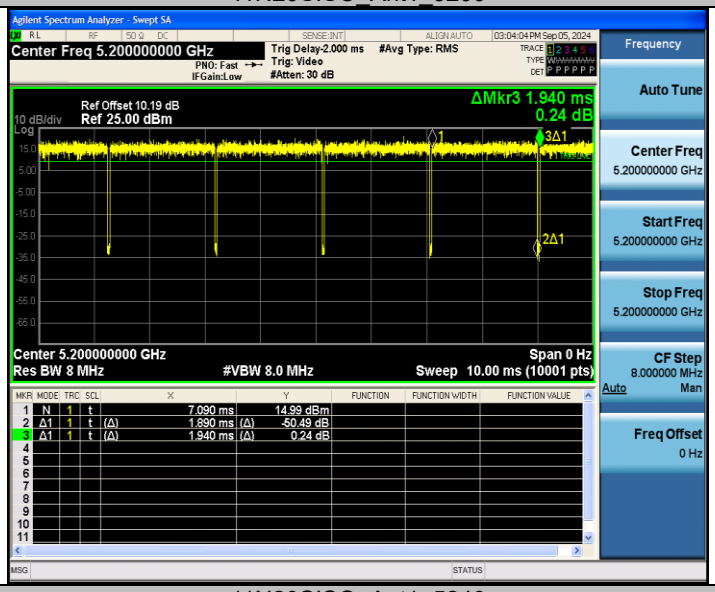

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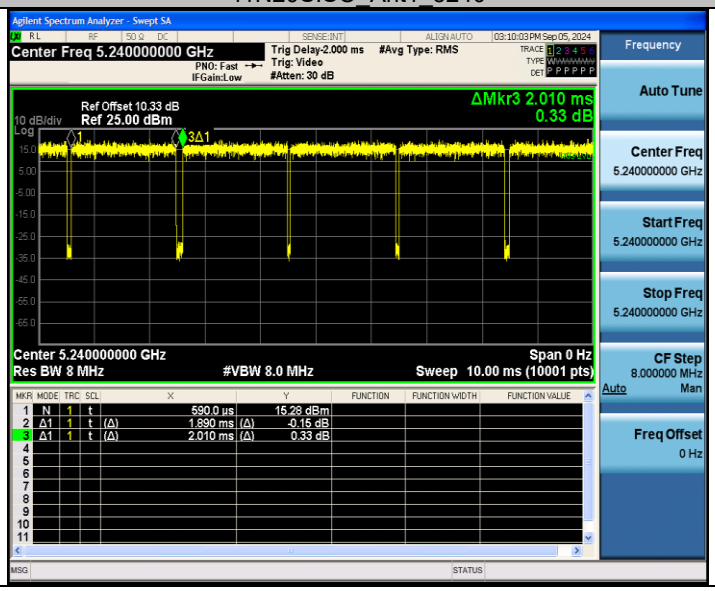

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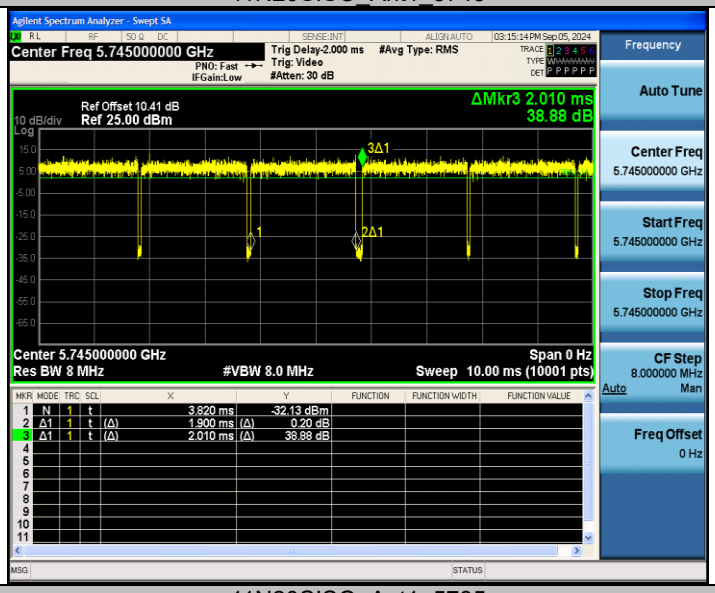

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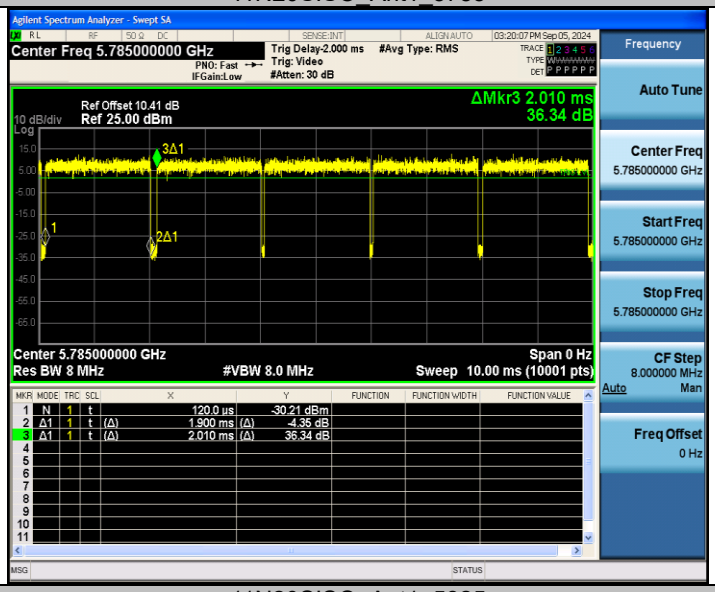

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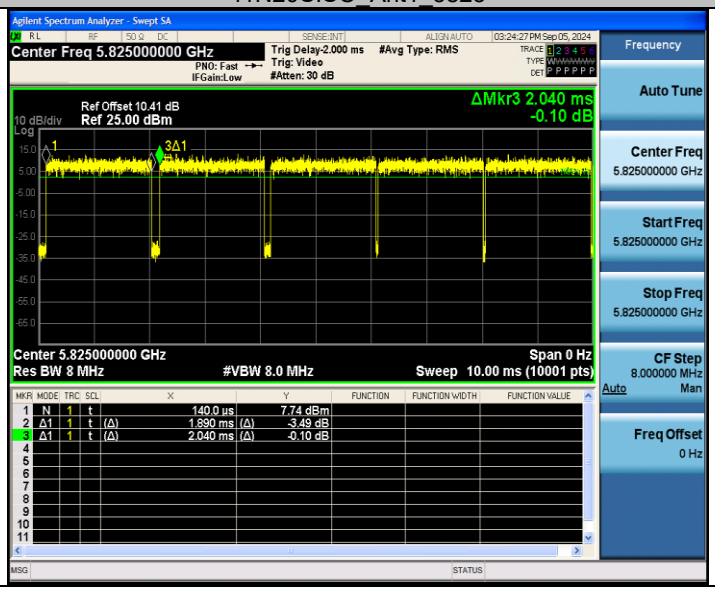

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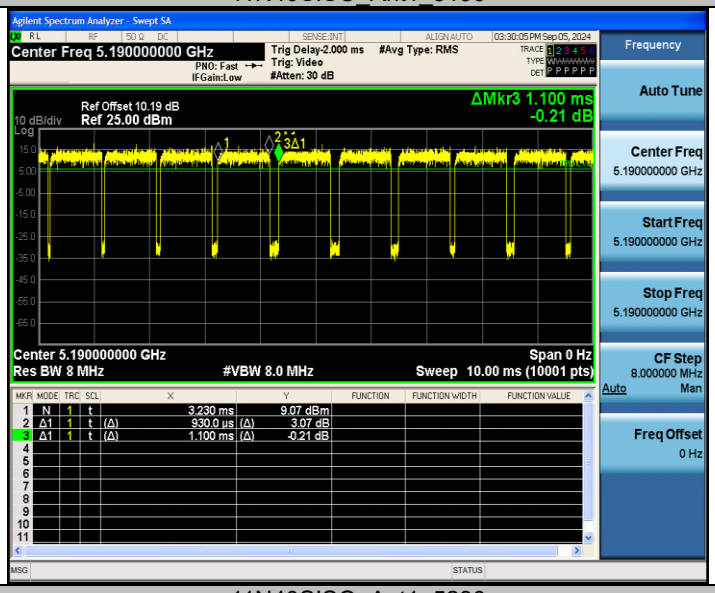

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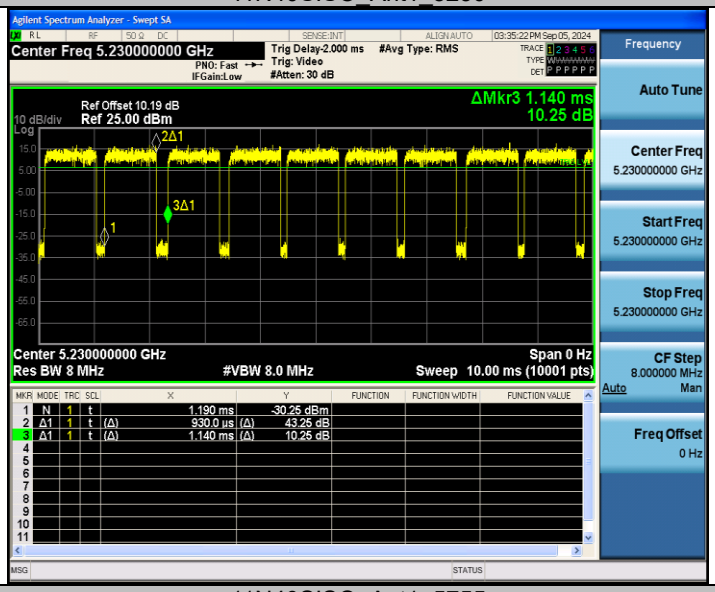

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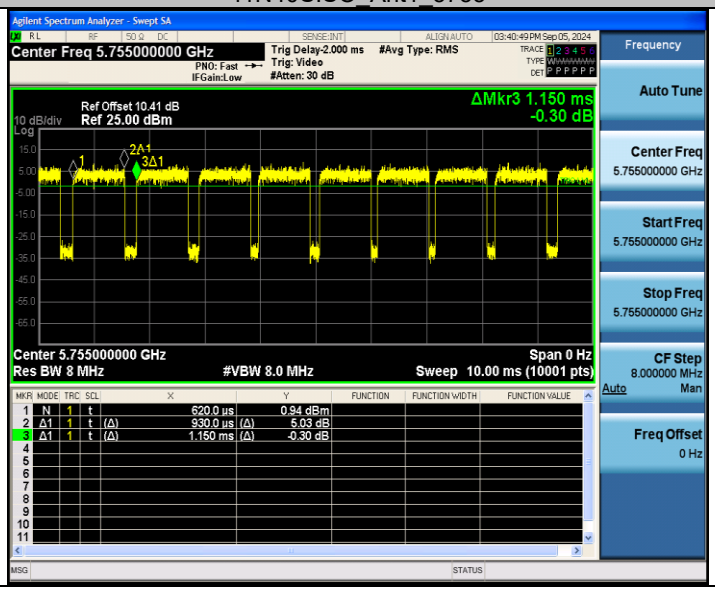

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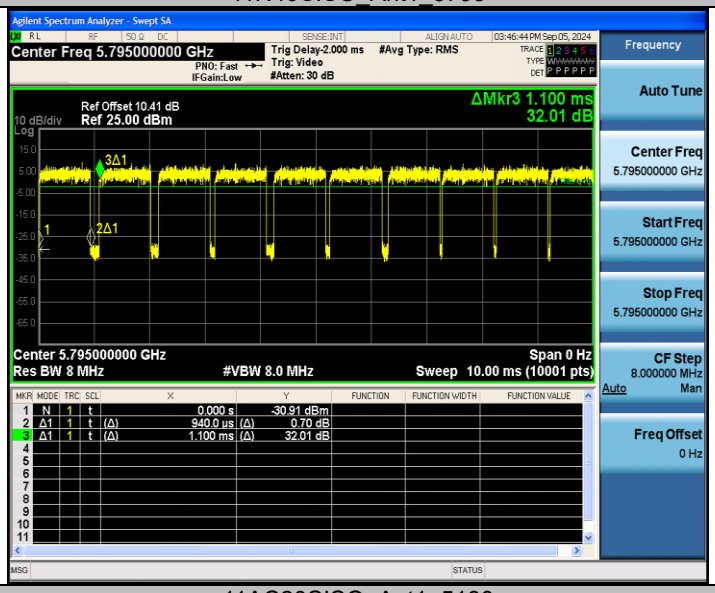

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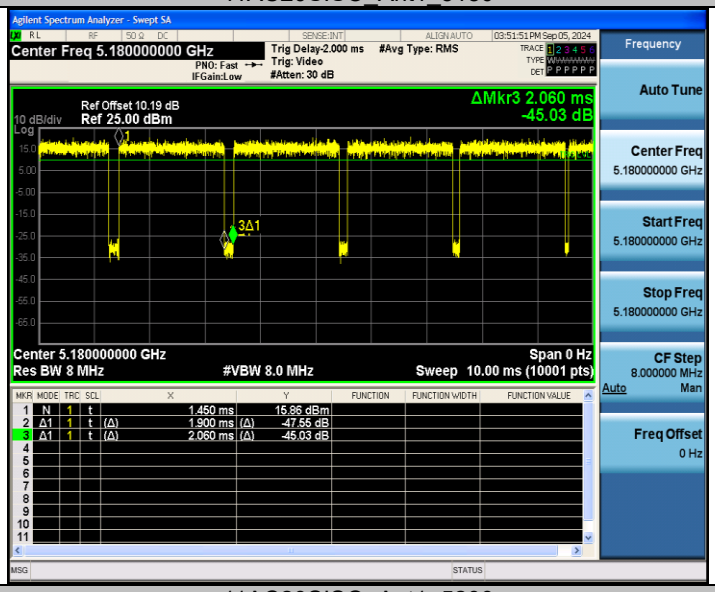

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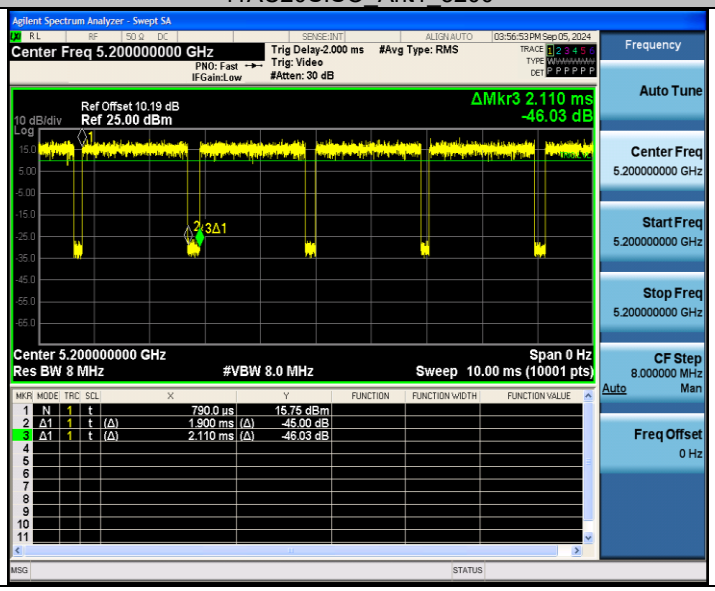

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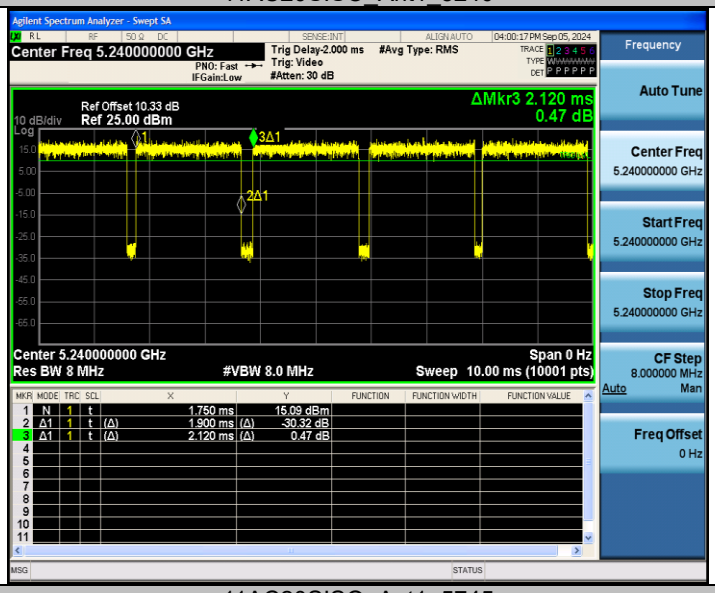

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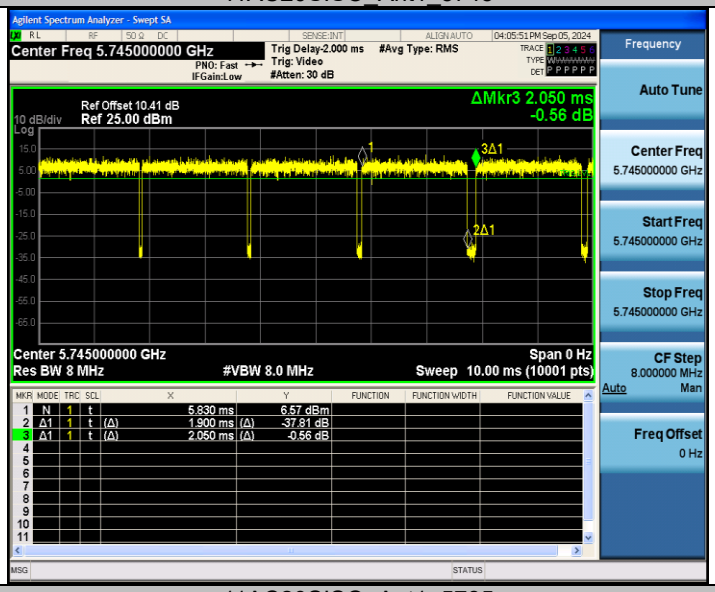

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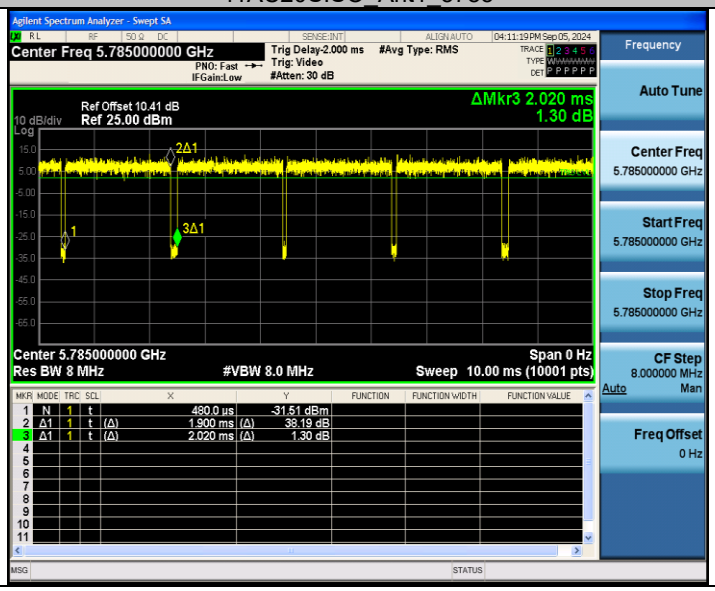

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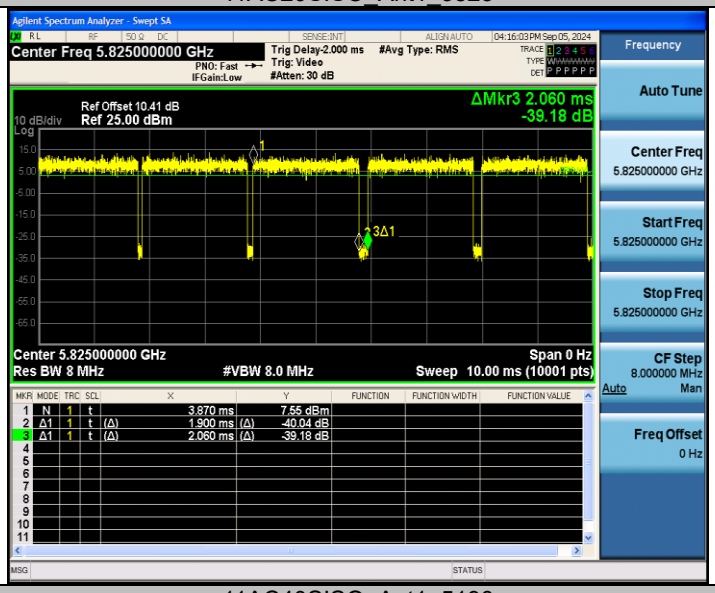

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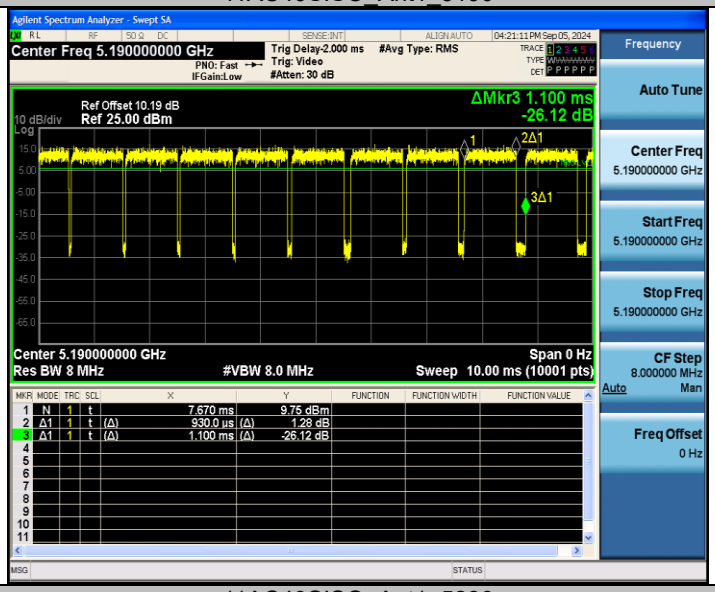

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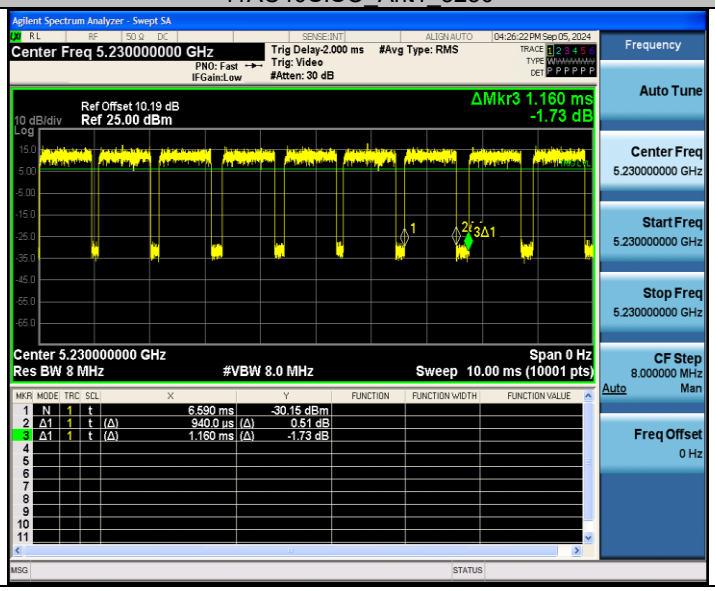

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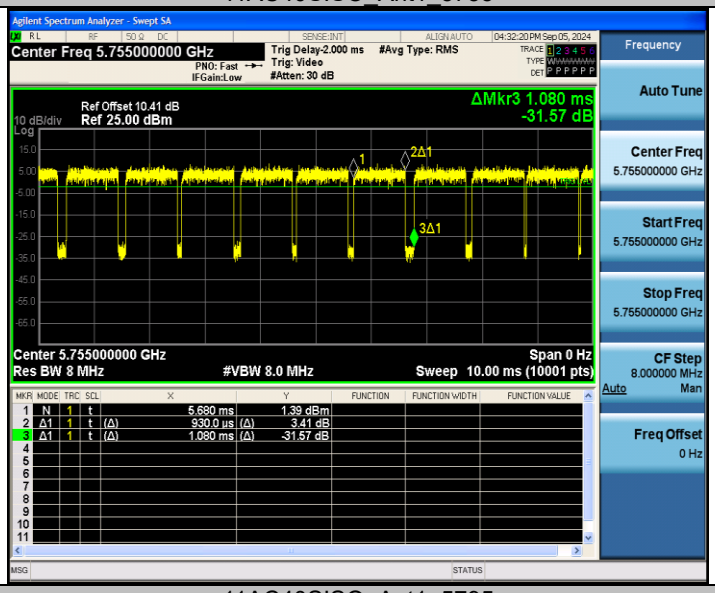

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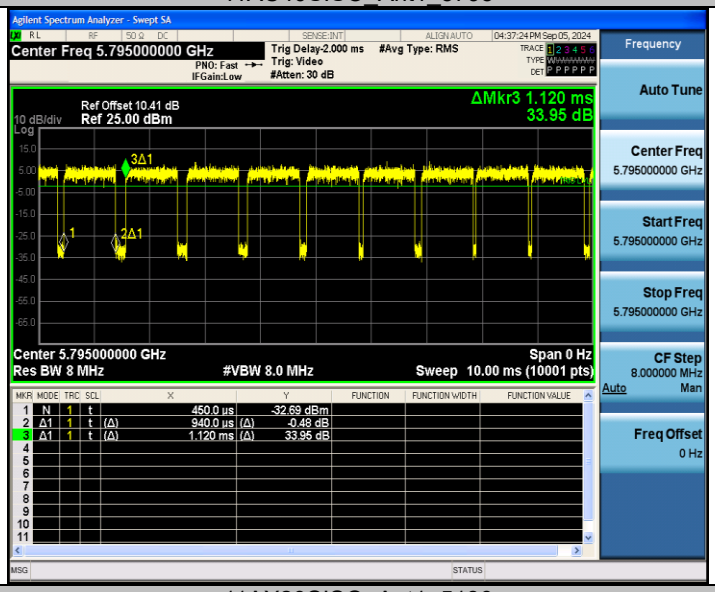

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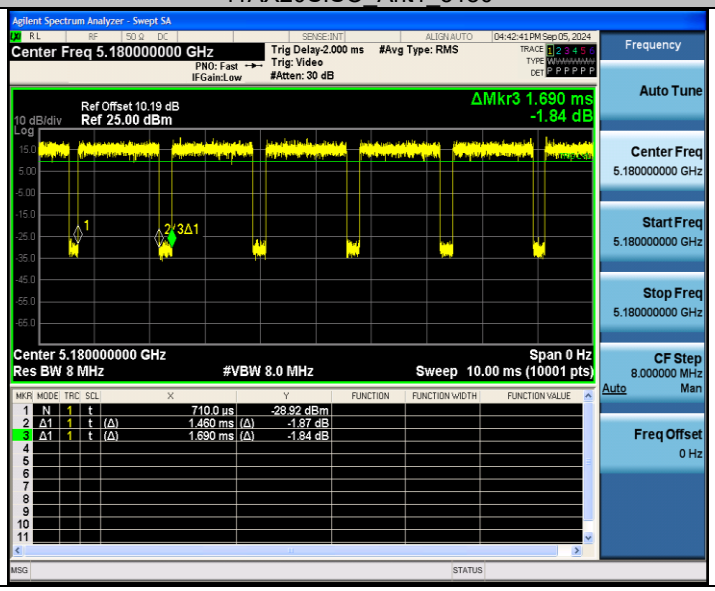

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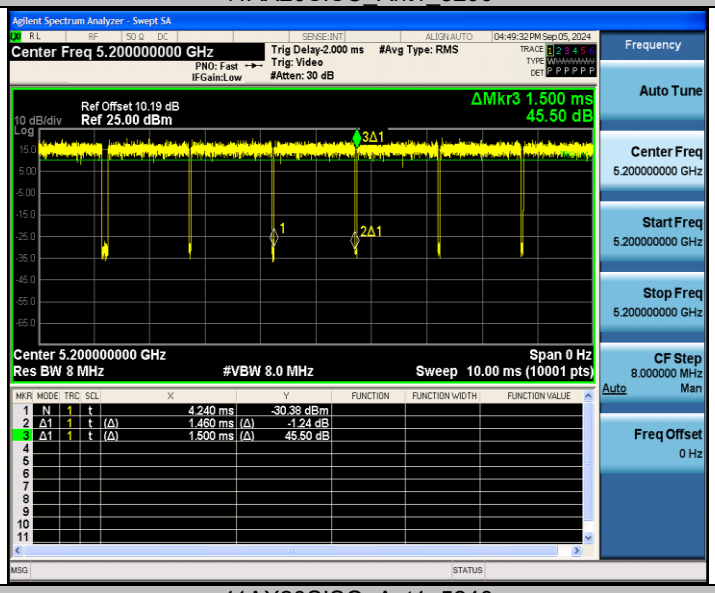

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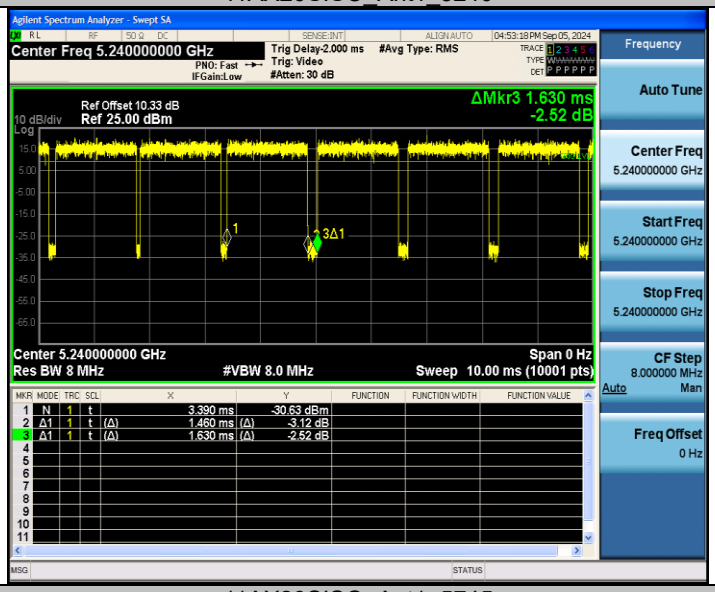

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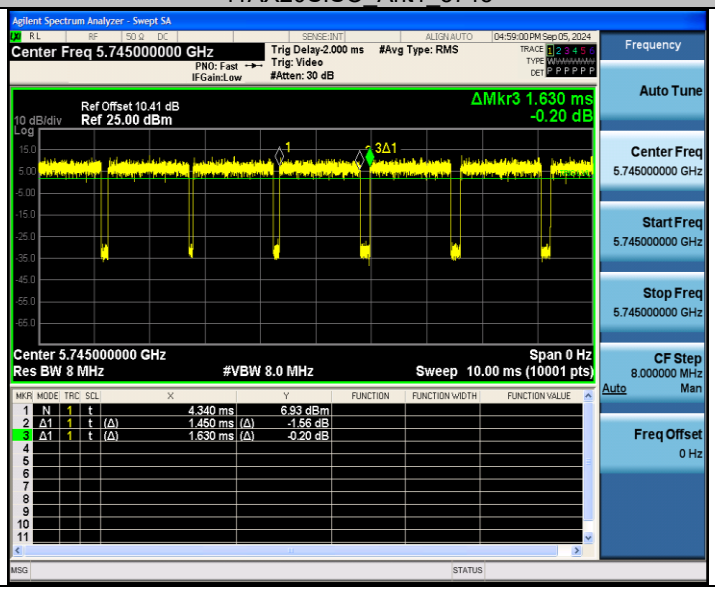

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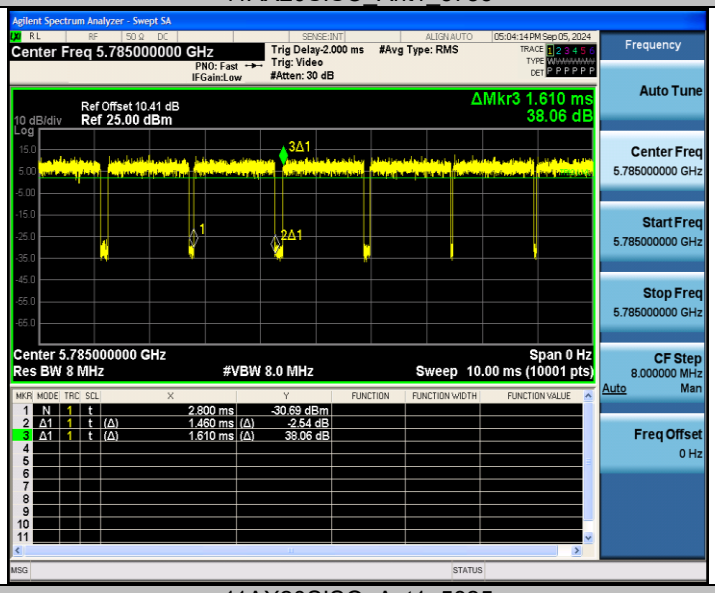

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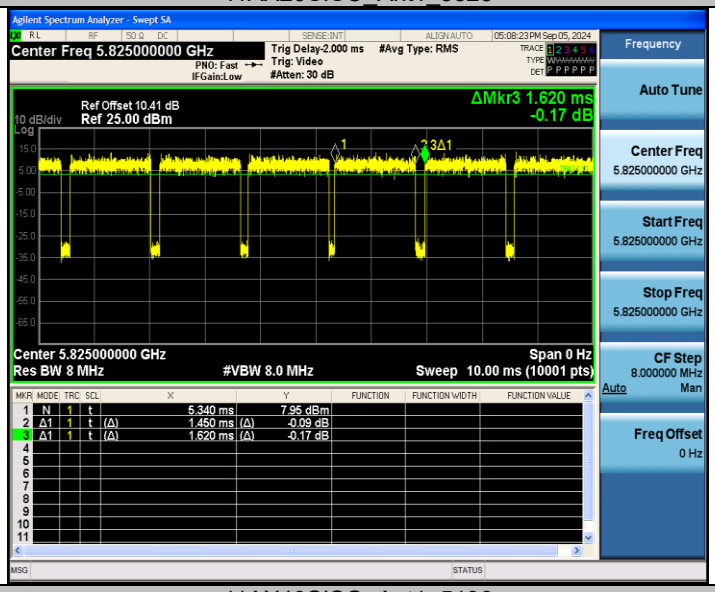

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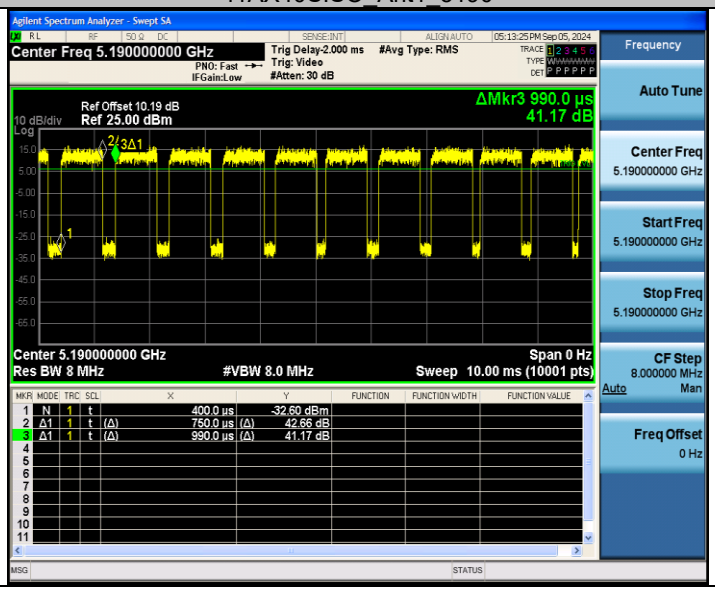

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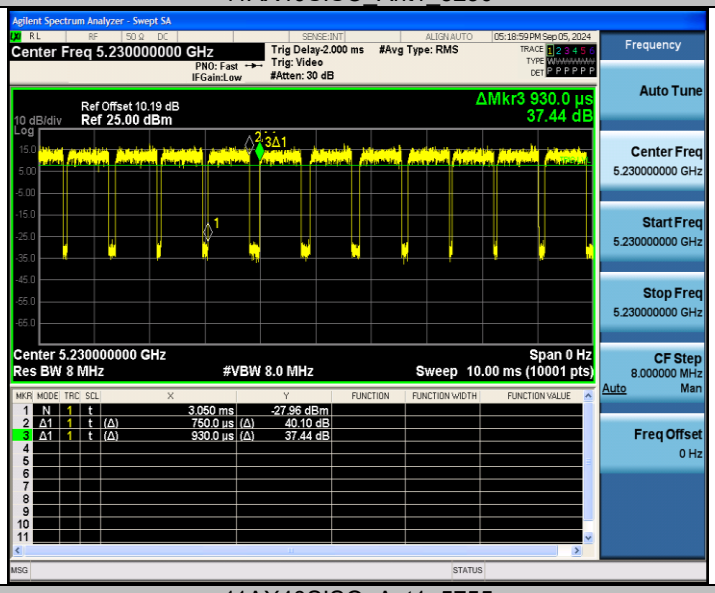

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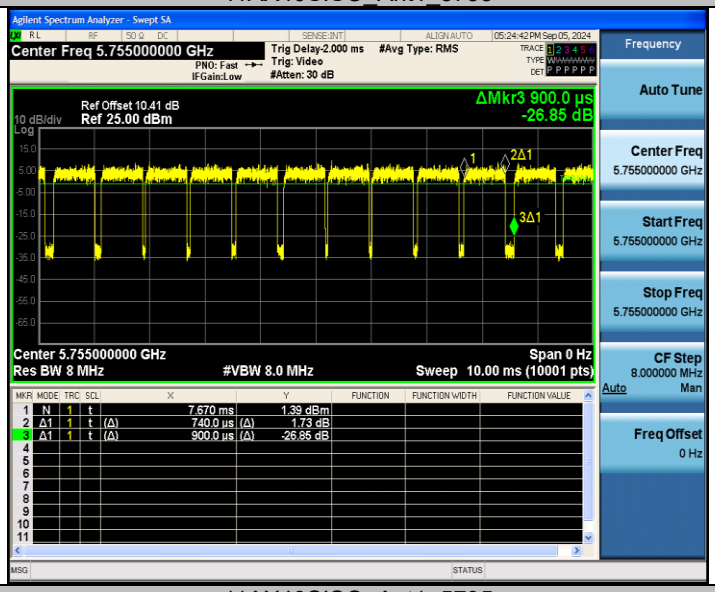

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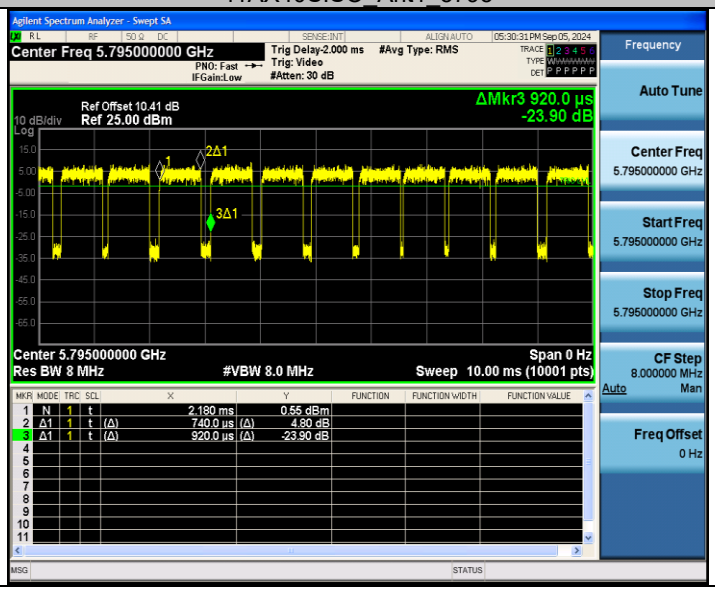


Appendix C: Maximum conducted output power

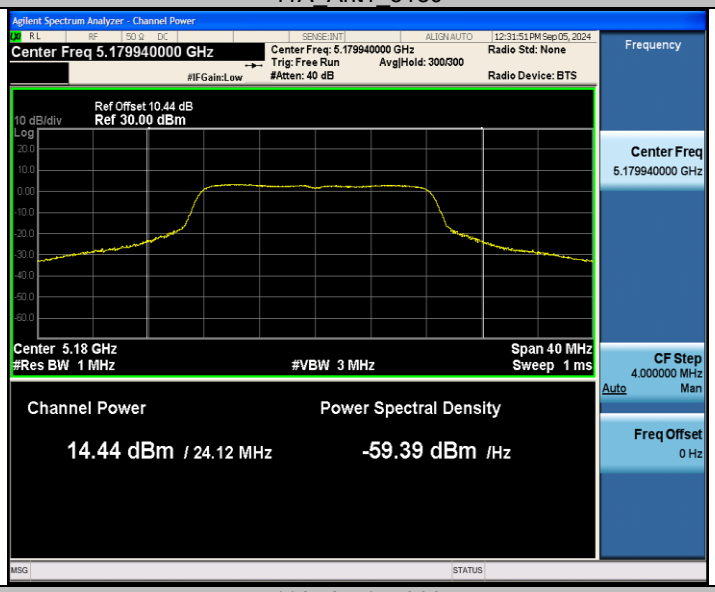
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	EIRP [dBm]	Verdict
11A	Ant1	5180	14.19	94.42	0.25	14.44	≤23.98	12.86	PASS
		5200	13.79	93.12	0.31	14.10	≤23.98	12.52	PASS
		5240	13.57	98.07	0.08	13.65	≤23.98	12.07	PASS
		5745	6.83	93.36	0.30	7.13	≤30.00	8.35	PASS
		5785	7.35	93.87	0.27	7.62	≤30.00	8.84	PASS
		5825	7.97	96.56	0.15	8.12	≤30.00	9.34	PASS
11N20SISO	Ant1	5180	13.83	95.43	0.20	14.03	≤23.98	12.45	PASS
		5200	13.90	97.42	0.11	14.01	≤23.98	12.43	PASS
		5240	14.27	90.63	0.43	14.70	≤23.98	13.12	PASS
		5745	6.80	94.15	0.26	7.06	≤30.00	8.28	PASS
		5785	7.43	92.08	0.36	7.79	≤30.00	9.01	PASS
		5825	7.99	94.86	0.23	8.22	≤30.00	9.44	PASS
11N40SISO	Ant1	5190	13.95	84.15	0.75	14.70	≤23.98	13.12	PASS
		5230	13.97	81.96	0.86	14.83	≤23.98	13.25	PASS
		5755	6.90	85.56	0.68	7.58	≤30.00	8.8	PASS
		5795	7.12	90.88	0.42	7.54	≤30.00	8.76	PASS
11AC20SISO	Ant1	5180	13.86	93.21	0.31	14.17	≤23.98	12.59	PASS
		5200	13.99	91.58	0.38	14.37	≤23.98	12.79	PASS
		5240	14.30	94.18	0.26	14.56	≤23.98	12.98	PASS
		5745	6.72	97.53	0.11	6.83	≤30.00	8.05	PASS
		5785	7.46	93.62	0.29	7.75	≤30.00	8.97	PASS
		5825	7.87	93.47	0.29	8.16	≤30.00	9.38	PASS
11AC40SISO	Ant1	5190	13.39	84.93	0.71	14.10	≤23.98	12.52	PASS
		5230	13.65	91.72	0.38	14.03	≤23.98	12.45	PASS
		5755	6.77	92.54	0.34	7.11	≤30.00	8.33	PASS
		5795	7.10	84.93	0.71	7.81	≤30.00	9.03	PASS
11AX20SISO	Ant1	5180	14.26	86.39	0.64	14.90	≤23.98	13.32	PASS
		5200	13.85	92.18	0.35	14.20	≤23.98	12.62	PASS
		5240	14.10	90.23	0.45	14.55	≤23.98	12.97	PASS
		5745	6.80	95.64	0.19	6.99	≤30.00	8.21	PASS
		5785	7.41	91.30	0.40	7.81	≤30.00	9.03	PASS
		5825	7.90	86.33	0.64	8.54	≤30.00	9.76	PASS
11AX40SISO	Ant1	5190	13.33	90.81	0.42	13.75	≤23.98	12.17	PASS
		5230	13.63	88.85	0.51	14.14	≤23.98	12.56	PASS
		5755	6.61	84.30	0.74	7.35	≤30.00	8.57	PASS
		5795	7.05	90.84	0.42	7.47	≤30.00	8.69	PASS

Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs

11A_Ant1_5180



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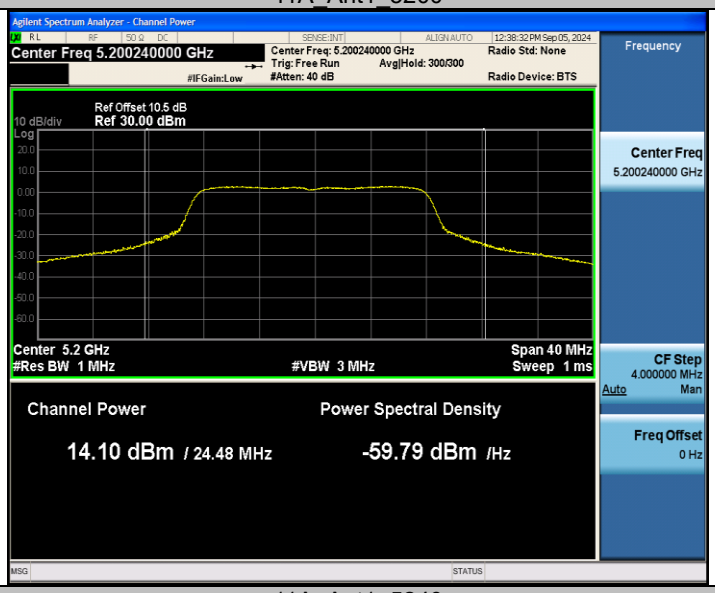

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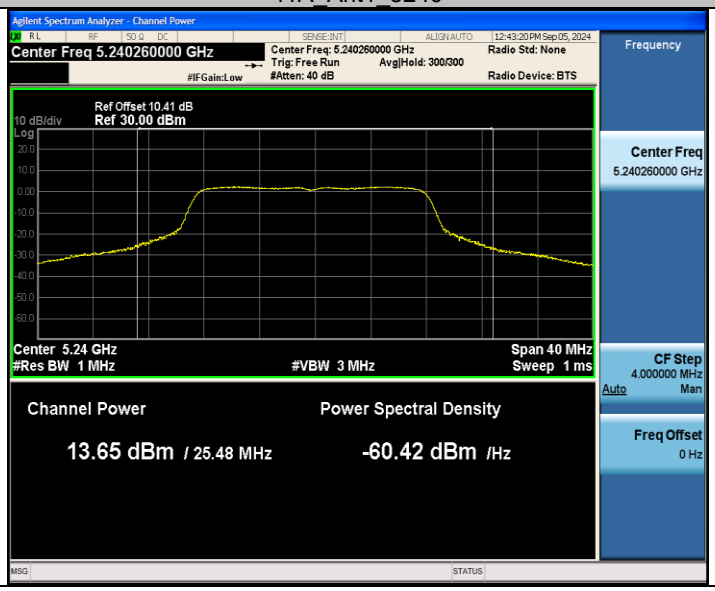

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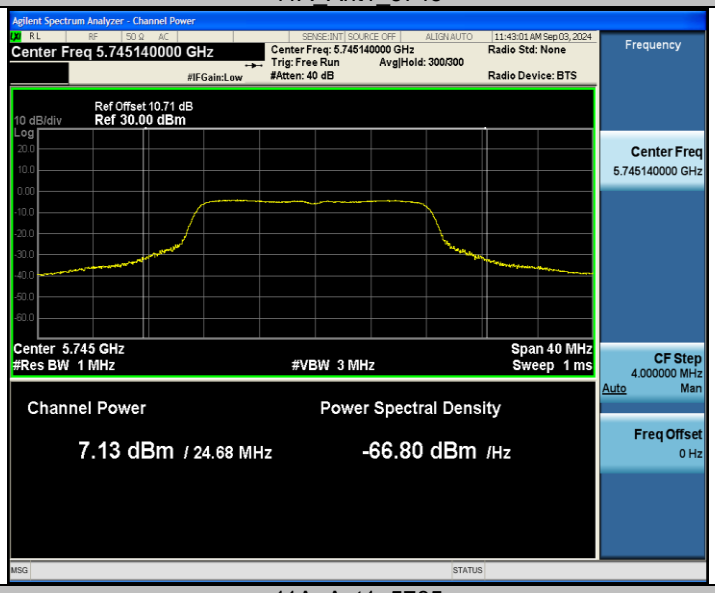
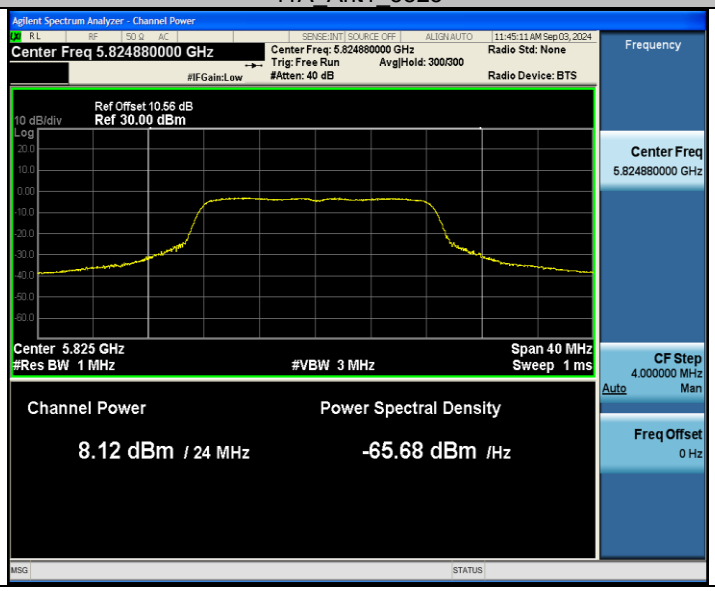


11A_Ant1_5785

11A_Ant1_5825



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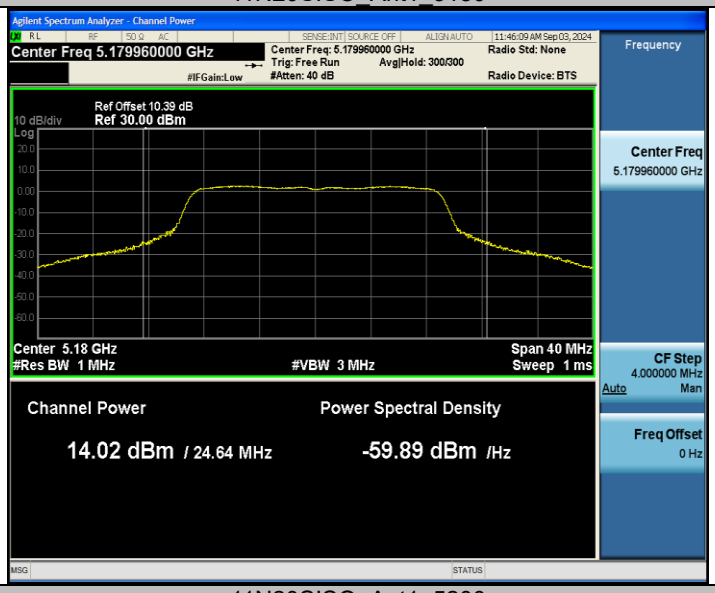

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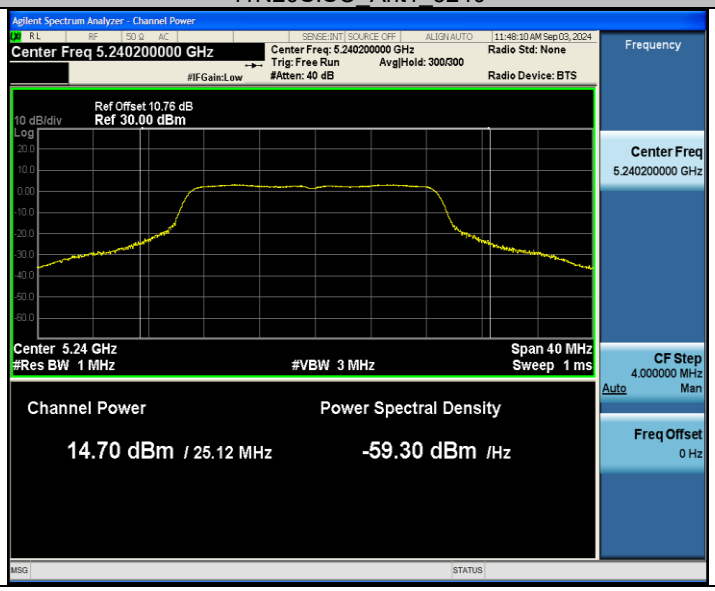
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